

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100620\
 Data File : VU040533.D
 Acq On : 06 Oct 2020 17:52
 Operator : SY/MD
 Sample : TEST
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TEST

Quant Time: Oct 07 15:30:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 08:04:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	283033	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	274191	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	131137	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	113066	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.04%
7) Chloroethane-d5	1.92	69	90328	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.56%
11) 1,1-Dichloroethene-d2	2.58	63	182202	39.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.56%
21) 2-Butanone-d5	4.64	46	200623	104.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.00%
24) Chloroform-d	5.08	84	202785	48.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.74%
26) 1,2-Dichloroethane-d4	5.72	65	141380	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.84%
32) Benzene-d6	5.74	84	392682	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
36) 1,2-Dichloropropane-d6	6.70	67	129570	49.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.08%
41) Toluene-d8	7.91	98	345992	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%
43) trans-1,3-Dichloropropene-	8.19	79	64030	48.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.82%
47) 2-Hexanone-d5	8.64	63	129209	105.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.97%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	184734	48.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.80%
66) 1,2-Dichlorobenzene-d4	12.19	152	138378	51.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	100705	35.515	ug/L	100
12) 1,1-Dichloroethene	2.59	96	27200	13.568	ug/L	# 27
16) Methylene chloride	3.06	84	25928	10.906	ug/L	92
17) trans-1,2-Dichloroethene	3.37	96	28617	13.403	ug/L	98
20) cis-1,2-Dichloroethene	4.69	96	23589	10.251	ug/L	99
25) Chloroform	5.10	83	3528	0.812	ug/L	80
27) 1,2-Dichloroethane	5.81	62	24856	6.936	ug/L	98
30) 1,1,1-Trichloroethane	5.33	97	33149	9.413	ug/L	99
31) Carbon tetrachloride	5.54	117	34652	11.380	ug/L	98
33) Benzene	5.79	78	88558	9.992	ug/L	100
34) Trichloroethene	6.56	95	26785	11.732	ug/L	97
37) 1,2-Dichloropropane	6.80	63	45086	18.526	ug/L	100
42) Toluene	7.98	91	102274	11.303	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	38377	17.603	ug/L	98
46) Tetrachloroethene	8.56	164	23561	14.282	ug/L	94
51) Chlorobenzene	9.45	112	50808	8.561	ug/L	98
52) Ethylbenzene	9.57	91	82336	8.198	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.70	106	37780	10.216	ug/L	93
54) o-xylene	10.10	106	45837	13.027	ug/L	98
55) Styrene	10.11	104	59099	9.536	ug/L	96
65) 1,4-Dichlorobenzene	11.83	146	64550	14.312	ug/L	98
67) 1,2-Dichlorobenzene	12.21	146	63277	14.710	ug/L	98
70) 1,2,4-trichlorobenzene	13.83	180	38912	15.957	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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